High-Leverage Techniques for Software Security

Idongesit Mkpong-Ruffin and Dr. David Umphress. Software security addresses the degree to which software can be exploited or misused. Software development approaches tend to polarize security efforts as being reactive or proactive; a blend of both approaches is needed in practice. Three categories of tools provide such a blend: threat modeling, risk analysis, and security assessment and testing. These tools provide leverage as they are currently in use as quality assurance methods and can be modified with relatively little effort to address security.

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Part "Attachment Data"

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1. https://buildsecurityin.us-cert.gov/adm-bsi/1185-BSI.html